A Letter from Dr. Robert Plot *of* Oxford, *to Dr.* Martin Liſter F. *of the* R. S. *concerning the uſe which may be made of the following* Hiſtory *of the* Weather, *made by him at* Oxford *through out the year* 1684.

Sir.

IT would be needleſs to acquaint you with the Univerſal approbation, your new and eaſy invention of obſerving the riſe and fall of the *Mercury* in the *Barometer* (by parallel lines drawn from every decimal part of each month of its whole extent,) was received in our *Philoſophical Society* at *Oxford:* ſince I here ſend you the *Obſerv.* of a full year made by their order, not only of the riſe, and fall of the *Quickſilver*, (markt by the wandring prickt line in the figure belonging to each month,) and the weather; but alſo how the wind ſtood each day throughout the whole year, except the Month of *Jan.* which was not thought of at firſt; though (if we reſpect the uſe of ſuch *Obſervations,*) as material a part as any whatever: for when once we have procured fit perſons enough to make the ſame *Obſervations* in many forreign and remote parts, how the winds ſtood in each, at the ſame time, we ſhall then be enabled with ſome grounds to examin, not only the coaſtings, breadth, and bounds of the winds themſelves, but of the weather they bring with them; and probably in time thereby learn, to be forewarned certainly, of divers emergencies (ſuch as heats, colds, dearths, plague, and other epidemical diſtempers,) which are now unaccountable to us; and by their cauſes be inſtructed for prevention, or remedies: thence too in time we may hope to be inform'd how far the poſitions of the planets in relation to one another, and to the fixt ſtarrs, are concerned in the alterations of the weather, and in bringing and preventing diſeaſes, or other calamities;

lamities; for by this means it is doubtleſs, that the Learned Dr. *Goad* of *London*, has arrived to that pitch of knowledg, he already has, in predicting weather, &c. i. e. by making ſuch old *Almanacks* as this for many years, in ſtead of new ones; which if once faithfully done in divers parts of the world (as it is now happily begun,) we ſhall certainly obtain more reall and uſefull knowledg in theſe matters in a few years, than we have yet arrived to, in many Centuries: which no queſtion was the opinion of the induſtrious *Walter Merle* Fellow of *Merton* Coll. who thus obſerved the weather here at *Oxford* every day of the month, ſeven years together *viz.* from *Jan.* 1337 to *Jan.* 1344; the MS. Copy of which *Obſervations* are yet remaining in the *Bodleyan* Library; and doubtleſs 'twas ſome ſuch conſideration as this, that moved *Eraſmus Bartholin* to make *Obſervations* of the weather every day of the month through the whole year 1671 which are printed *inter Acta Medica Tho Bartholini*. Now Sir if theſe worthy *Gent.* thought it worth their while, laboriouſly to make ſuch *Obſervations* without the helps that you have afforded us; how ſupine had we been, if we had forborn to proſecute it; I am ſure I could not have thought my ſelf otherwiſe, had I neglected it, after I had received the commands of ſo judicious a *Society*; and the rather becauſe then too, I ſhould have rudely ſlighted an *Invention* of yours, who have always afforded me the ineſtimable Character of

Your moſt faithfull
Freind Rob. Plot.

Obſervations of the Wind, Weather, *and height of the* Mercury *in the* Barometer, *throughout the year* 1684; *taken after Dr.* Liſters *method,*) *in the* Muſæum Ashmoleanum, *at the requeſt of the* Philoſophicall Society *of* Oxford; *by* Robert Plot, LLD.

A Scheme of the weather at Oxford; *January*; 168$\frac{3}{4}$.

Day.	*Weather.*
1	hard, froſt and fair.
2	froſty, but yielding a little towards night.
3	rimy froſt.
4	hard froſt, and fair.
5	hard froſt, and fair.
6	hard froſt, and fair.
7	hard froſt, but a little yielding at night.
8	rimy froſt morn. fair all day, windy night.
9	froſt, but ſnow at night.
10	cold raw weather toward noon, rain toward night.
11	moiſt thawing weather.
12	cloſe thawing weather.
13	moiſt, cloſe weath. a ſmall froſt at night.
14	cloſe froſty weather.
15	cloſe froſty weather.
16	cloſe froſty weather, at night windy.
17	froſt, at night ſnow.
18	ſnow, and wind.
19	cloſe ſharp weather.
20	cloſe *ut ſupra* but a little yield. at night.
21	mild froſt, and fair.
22	hard froſt, ſnow at night a little.
23	hard froſt.
24	hard froſt, and fair.
25	hard froſt, and ſnow.
26	froſt, a little ſnow.
27	froſt, a little thaw about noon.
28	froſt, and fair.
29	froſt, a ſmall thaw all the afternoon.
30	hard froſt, and fair.
31	froſt, and fair.

A Scheme

A Scheme of the Wind, & Weather at Oxford; *February*; 168¾.

Day.	*Wind.*	*Weather.*
1	NE	froſt, and fair.
2	NE	froſt, a little thaw at night.
3	due E	froſt, and fair.
4	due S	cloſe wea. & a little thaw & Snow at ni.
5	S W	thawing weather, wind & rain at night.
6	due W	fair clear weather.
7	due W	cloſe thawing rainy weather.
8	N & by W	cloſe weather.
9	due S	fair in the morn. rain & ſnow at night.
10	due S	cloſe wet weather.
11	due S	fair morning, wet at night & windy.
12	SSW	cloſe morning, fair at night.
13	N & by W	cloſe morning, fair at night.
14	W & N	rain morning, fair at night.
15	N W	fair weather.
16	due S	rainy morning, cloſe at night.
17	S W	cloſe moiſt weather.
18	S W	rainy and wind.
19	due W	moiſt morning, fair afternoon.
20	W S W	open fair weather.
21	S W	cloſe weather, windy.
22	W S W	cloſe rainy weather.
23	due W	wet morning, fair afternoon.
24	W & by S	fair morning, cloſe Evening.
25	S W	fair morning, cloſe evening.
26	S W	wet morning, cloſe evening.
27	S E	wet morning, fair evening.
28	N E	cloſe froſty weather.
29	E & by S	froſty clear weather.

A Scheme

A Scheme of the Wind & weather at Oxford; *March*; 168¾.

Day.	*Wind.*	*Weather.*
1	S E	cloſe froſty cold weather
2	N E	cloſe cold weather
3	N & by W	cloſe froſty weather.
4	N & by W	cloſe cold weather,
5	due N	cloſe morning, ſnow evening
6	N E	cloſe cold weather.
7	N N E	froſt fair and windy.
8	N N E	froſt, cloſe and windy.
9	E & by N	froſt and high winds
10	E N E	cloſe froſty cold weather.
11	N & by W	froſt and fair, cloſe at night.
12	due N	froſty, ſnowy, windy weather.
13	N & by E	froſt morning, fair night.
14	N & by E	froſt, ſnow & wind.
15	N N E	ſnow & wind,
16	N N E	ſnow and rain.
17	N & by E	cloſe moiſt weather.
18	W & by N	cloſe morning fair night.
19	N E	cold changeable weather.
20	N N W	ſnow and cold high winds.
21	N E	cloſe but fair weather.
22	N E	fair weather, but cold.
23	E & by N	cold fair weather.
24	E & by N	cold fair weather.
25	E & by N	cold fair weather.
26	due E	cold fair weather.
27	due E	cold cloſe weather.
28	S & by W	warm moiſt weather.
29	S & by W	wind and rain.
30	S & by W	cloſe fair weather.
31	due S	fair calm weather.

A Scheme

A Scheme of the Wind, and Weather at Oxford; *April*, 1684.

Day.	*Wind.*	*Weather.*
1	N & W	fair ſun-ſhine weather.
2	W &by N	rain i'th morning, fair evening.
3	S & by W	fair morning, wind and rain at night.
4	S & by W	cloſe moiſt weather.
5	S W	rainy weather.
6	due W	fair morning, wet at night.
7	due W	fair weather.
8	S W	cloſe weather.
9	N W. & N	cloſe weather but fair.
10	N E	cloſe fair weather.
11	due E	rain and wind moderate
12	N & W	cloſe cold weather
13	N & by E	fair ſun-ſhine weather.
14	E N E	fair morning, cloſe evening.
15	NE & by E	cloſe cold weather.
16	E & by N	cloſe cold weather.
17	E & by N	cloſe cold weather.
18	S & W	variable dry weather.
19	due S	moiſt morning, wet night.
20	SE & SW	cloſe warm weather.
21	S E	fair ſun-ſhine weather.
22	S. N. E	fair morn. inclinable to rain at night.
23	S W	rainy morning, fair evening.
24	S W	fair ſun-ſhine weather.
25	S W	fair ſun-ſhine weather.
26	due S	cloſe dry weather.
27	S W	fair ſun-ſhine weather.
28	S W	cloſe dry weather.
29	S W	cloſe dry weather.
30	due S	rain morning, fair evening

A Scheme of the Wind, and Weather at Oxford *; May ;* 1684.

Day.	*Wind.*	*Weather.*
1	S S W	Variable weather.
2	due W	fair weather.
3	S S W	cloſe fair weather.
4	W S W	cloſe fair weather.
5	W S W	moiſt morning, fair evening.
6	W S W	cloſe fair weather.
7	W S W	cloſe morning, rain at night.
8	SSE & SW	fair warm weather.
9	N W	cloſe fair weather.
10	due W	cloſe fair weather.
11	due W	cloſe fair weather.
12	due W	miſty morning, fair evening.
13	S & W	wet morning, fair evening.
14	S W	cloſe weather, ſome rain.
15	due N	cloſe fair weather, ſome wind.
16	N N E	windy morning, cloſe evening.
17	N E	cloſe dry weather.
18	N E	cloſe fair weather.
19	N E	fair ſun-ſhine weather.
20	E & by N	cloſe fair weather, ſome wind.
21	N E	warm morning, cloſe evening.
22	N E	cloſe, fair, and windy.
23	N E	cloſe, fair, and windy.
24	N E	cloſe morning, fair ſun-ſhine evening.
25	N E	cloſe fair weather.
26	S E	fair ſun-ſhine weather.
27	N E	cloſe fair weather.
28	E & by N	fair ſun-ſhine weather.
29	S W	wind and rain.
30	due W	cloſe fair weather.
31	S W	cloſe weather, a little rain at night.

A Scheme

A Scheme of the Wind, and Weather at Oxford; *June*; 1684.

Day.	*Wind.*	*Weather.*
1	S W	cloſe morning, fair evening.
2	due W	cloſe morning, rainy evening.
3	due W	fair morning, rainy evening.
4	due W	cloſe fair weather.
5	due W	cloſe fair weather.
6	due W	cloſe fair weather.
7	W, & N	cloſe fair weather.
8	due N	fair ſun-ſhine weather.
9	due N	cloſe fair weather.
10	N E	fair ſun-ſhine weather.
11	due E	fair ſun-ſhine weather.
12	due E	fair ſun-ſhine weather.
13	E S E	fair ſun-ſhine weather.
14	E S E	fair ſun-ſhine weather.
15	E S E	fair ſun-ſhine dry weather.
16	E S E	fair ſun-ſhine hot weather.
17	E S E	fair ſun-ſhine hot weather.
18	E by N	ſun-ſhine morning, cloudy evening.
19	E by N: S S W	ſun-ſhine hot weather.
20	S by W	a little rain. cloudy.
21	S E: E S E	lowring. ſome rain.
22	N E	fair hot weather.
23	N E	hot. a muddy ſky.
24	N E	ſun-ſhine clear.
25	N E	ſun-ſh fair weather.
26	N E	ſun-ſhine dry weather.
27	N E: E	very dry.
28	E: S E	hot lowring evening.
29	S: S W	ſun-ſhine clear.
30	S W	cloudy, cool.

A Scheme of the Wind, and Weather at Oxford, *July*, 1684.

Day.	*Wind.*	*Weather.*
1	SW. W NW	ſomewhat cloudy.
2	W	a little rain, fair.
3	S W	fair, but cloudy.
4	S W. W	cloſe, ſome rain.
5	S W	ſun-ſhine morning, gloomy evening.
6	S W	cloſe.
7	W S W	cool. cloſe.
8	S W	hazy. ſome rain.
9	W. N W	ſome rain. clear.
10	N W	clear ſun-ſhine.
11	S W	rain.
12	W	ſome rain. fair evening.
13	W	a ſhowr or two.
14	W: S W	cool cloſe weather.
15	W S W	rain
16	W	cool cloſe weather.
17	W	cool cloſe weather.
18	N: W	fair ſun-ſhine weather.
19	W S W	lowring cool weather.
20	W: N W	fair ſun-ſhine weather.
21	W	fair ſun-ſhine weather.
22	W	hot ſun-ſhine weather.
23	W: S	hot ſun-ſhine weather.
24	S: E	hot ſun-ſhine weather.
25	E & by S	hot ſun-ſhine weather.
26	E & by S	hot, a little rain toward night.
27	W: N	hot ſun-ſhine weather.
28	W	hot. thunder. rain.
29	N N E	cloudy, ſome rain.
30	N N E	fair ſun-ſhine weather.
31	N E	hot ſun-ſhine weather.

A Scheme

A Scheme of the Wind, & Weather at Oxford; *Auguſt*; 1684.

Day.	*Wind.*	*Weather.*
1	N.	warm ſun-ſhine weather.
2	W.	cool fair weather.
3	S W	warm fair weather.
4	due S	hot ſun-ſhine weather.
5	S W & by S	hot ſun-ſhine weather.
6	S W & by S	warm ſun-ſhine weather.
7	due S	rainy morning, fair evening,
8	due S	cloſe fair weather.
9	due W	fair ſun-ſhine weather.
10	due N	fair ſun-ſhine weather.
11	S W	fair morn. inclinable to rain at night
12	due W	rainy morn. the ſame in the evening.
13	due W	fair ſun-ſhine weather.
14	due W	fair ſun-ſhine weather.
15	W	fair ſun-ſhine weather.
16	W:N	a ſhowr. ſun-ſhine weather.
17	N W	ſun-ſhine morning, cloudy evening.
18	N N W:N	a muddy ſky in the morn. ſ. ſh. even.
19	N. S W	fair ſun-ſhine weather.
20	S S W	hot ſun-ſhine weather.
21	S S W	hot ſun-ſhine weather.
22	S W	fair ſun-ſhine weather.
23	S W	hot ſun-ſhine weather.
24	S W	hot ſun-ſhine weather.
25	N	rain all day.
26	S W	rain at night.
27	N W	cloſe; ſome rain.
28	S W	cloſe weather.
29	S S W	cloſe; rain at night.
30	due S	variable weather.
31	S & by E	cloſe; ſome rain.

A Scheme of the Wind & weather at Oxford; *September*; 1684.

Day.	*Wind.*	*Weather.*
1	S & by E	cloſe, ſome rain.
2	due S	cloſe, ſome rain,
3	S E. W	cloſe, rain, thunder.
4	S E: S W	cloſe, ſome rain.
5	due E	cloſe morning, rain afternoon.
6	S S E	cloſe, ſome rain.
7	N W	fair ſun-ſhine weath. rain at night.
8	N W	fair cloſe dry weather.
9	N W	ſun-ſhine morning, cloſe evening.
10	N W. N E	ſun-ſhine morning, ſome rain.
11	W & by N	fair morning, cloſe evening.
12	N W: N	fair morning, ſome rain at night.
13	N N W	rainy weather.
14	due N	fair ſun-ſhine weather.
15	N & by E	fair ſun-ſhine weather.
16	due N	cloſe fair weather.
17	N W	cloſe, and windy.
18	due N	fair, morn. ſome rain; fair again.
19	due N	fair morning, cloſe evening.
20	due S	fair ſun-ſhine weather.
21	S & by E	fair ſun-ſhine weather.
22	due S	fair ſun-ſhine weather.
23	S & by W	fair morning, cloſe evening.
24	due W	fair ſun-ſhine weather.
25	S & by W	changeable weather.
26	due S	changeable weather.
27	due S	rainy weather.
28	due S	cloſe moiſt weather.
39	S W	cloſe moiſt weather.
30	N W	cloſe morning, ſun-ſhine evening.

A Scheme

A Scheme of the Wind, and Weather at Oxford; *October* 1684.

Day.	*Wind.*	*Weather.*
1	N W	moiſt weather, ſome rain.
2	W & by S	cloſe weather, but fair.
3	S W	cloſe morning; fair evening.
4	S & by W	cloſe all day, rain at night.
5	W: N W	rainy morning, fair evening.
6	due W	rainy windy weather.
7	S & by W	rain all day.
8	N N W	rain morning, fair evening.
9	N: N N W	cloſe fair weather.
10	N W	fair weather.
11	S W	windy rainy morning, fair evening.
12	S S W	cloſe and ſome wind.
13	S S W	cloſe, ſome rain.
14	S S W	rain, and wind.
15	S & by E	wind, and rain.
16	S S W	fair ſun-ſhine weather.
17	S W	fair ſun-ſhine weather.
18	W & by N	fair weather.
19	N W	cloſe morn. fair ſun-ſhine evening.
20	N W	fair weather.
21	due W	fair ſun-ſhine weather.
22	due W	cloſe fair weather.
23	due W	fair morning, wind & rain at night
24	N W	wind, ſnow, & rain.
25	N W	cloſe, cold, and windy.
26	N W	fair froſty weather.
27	N E	froſt, and ſnow.
28	S: W: N	froſt, and ſnow.
29	N: W	froſty cold weather.
30	N: W	ſnow, and wind
31	due N	cold thaw in the M. clear froſty E.

A Scheme

A Scheme of the Wind, and Weather at Oxford; *Novem.*; 1684.

Day.	*Wind.*	*Weather.*
1	S&by W. N	thaw, ſnow, froſt.
2	N W: W.	froſt morning, thaw afternoon.
3	S&by W: W	thawing weather all day.
4	N W	cloſe, and windy.
5	N W.	cloſe, and windy; little froſt.
6	due W.	fair weather, little froſt.
7	N: S.	fair morning, rain evening.
8	E & by S	ſmall rain all day.
9	S E.	miſty moiſt weather.
10	due W.	rainy miſty weather.
11	N W.	cloudy moiſt weather.
12	S W.	cloudy moiſt weather.
13	S W	cloudy, ſome ſun-ſhine.
14	S W	cloſe, a miſt at night.
15	N W	froſty morning, cloſe evening.
16	N W.	cloſe morning, clear froſty evening.
17	N W: N.	hard froſt and clear.
18	N.	hard froſt, ſun-ſhine.
19	S	cloſe. ſnow. rain.
20	S	much rain.
21	W	warm ſun-ſhine weather.
22	S	froſt, rain.
23	S W	fair. ſomewhat warm.
24	W S W	ſome rain.
25	W N W	cloſe. fair.
26	W	fair. warm. cloſe.
27	N W	ſome rain.
28	N	cold. cloudy. rain.
29	N E	fair, but cloudy.
30	N	fair.

A Scheme

A Scheme of the Wind, and Weather at Oxford; *Decem.*; 1684.

Day.	*Wind.*	*Weather.*
1	N N E	froſt. ſun-ſhine.
2	N	froſt. ſun-ſhine.
3	W S W	ſnow. much ſmall rain.
4	S	cloudy. ſome rain.
5	S	warm ſun-ſhine weather.
6	SE: E N E.	miſty. thick moiſt air.
7	EN E	froſt. ſun-ſhine weather.
8	E N E	moiſt cloudy air.
9	E N E	moiſt cloudy air.
10	E N E	thick, moiſt air.
11	E N E	fair but cloudy.
12	E N E	cloſe.
13	E N E	a moiſt cloſe air.
14	E S E	froſt. clear ſun-ſhine.
15	E: W S W	froſt. cloudy.
16	N W: N	froſt. cloudy.
17	W	froſt. cloudy, a little ſnow.
18	N	froſt. ſun-ſhine.
19	W	thaw. cloudy.
20	N N W	rain. hail. ſnow.
21	W	froſt. ſun-ſhine.
22	N	froſt. ſun-ſhine.
23	E	hard froſt. windy.
24	N E	froſt. ſun-ſhine.
25	N	froſt. cloudy, much ſnow.
26	N	hard froſt. ſun-ſhine.
27	W	froſt. ſun-ſhine.
28	N W	rain all day.
29	N W	froſt. rain at night.
30	W N W	ſome rain. fair evening.
31	E	fair. cloudy.

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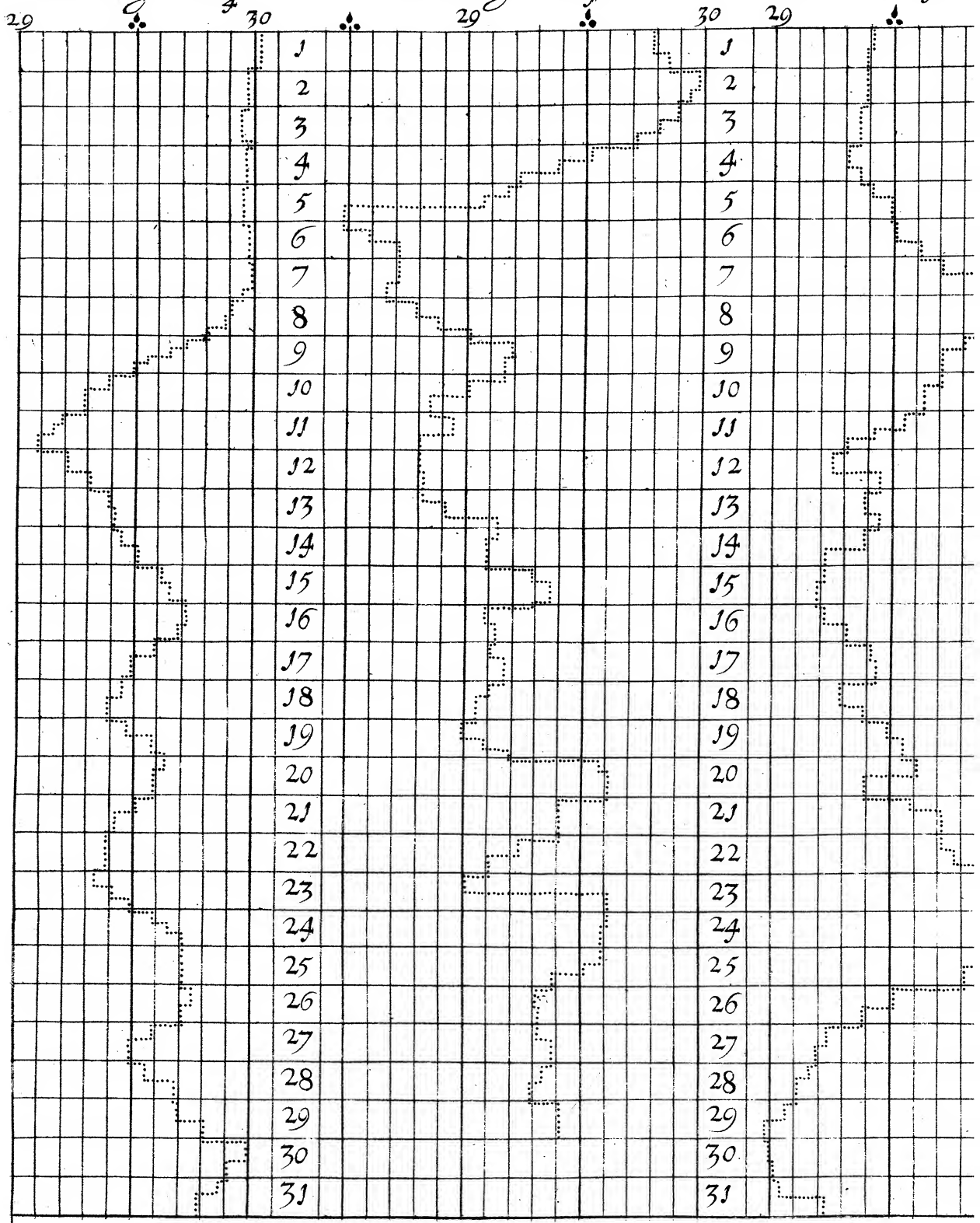

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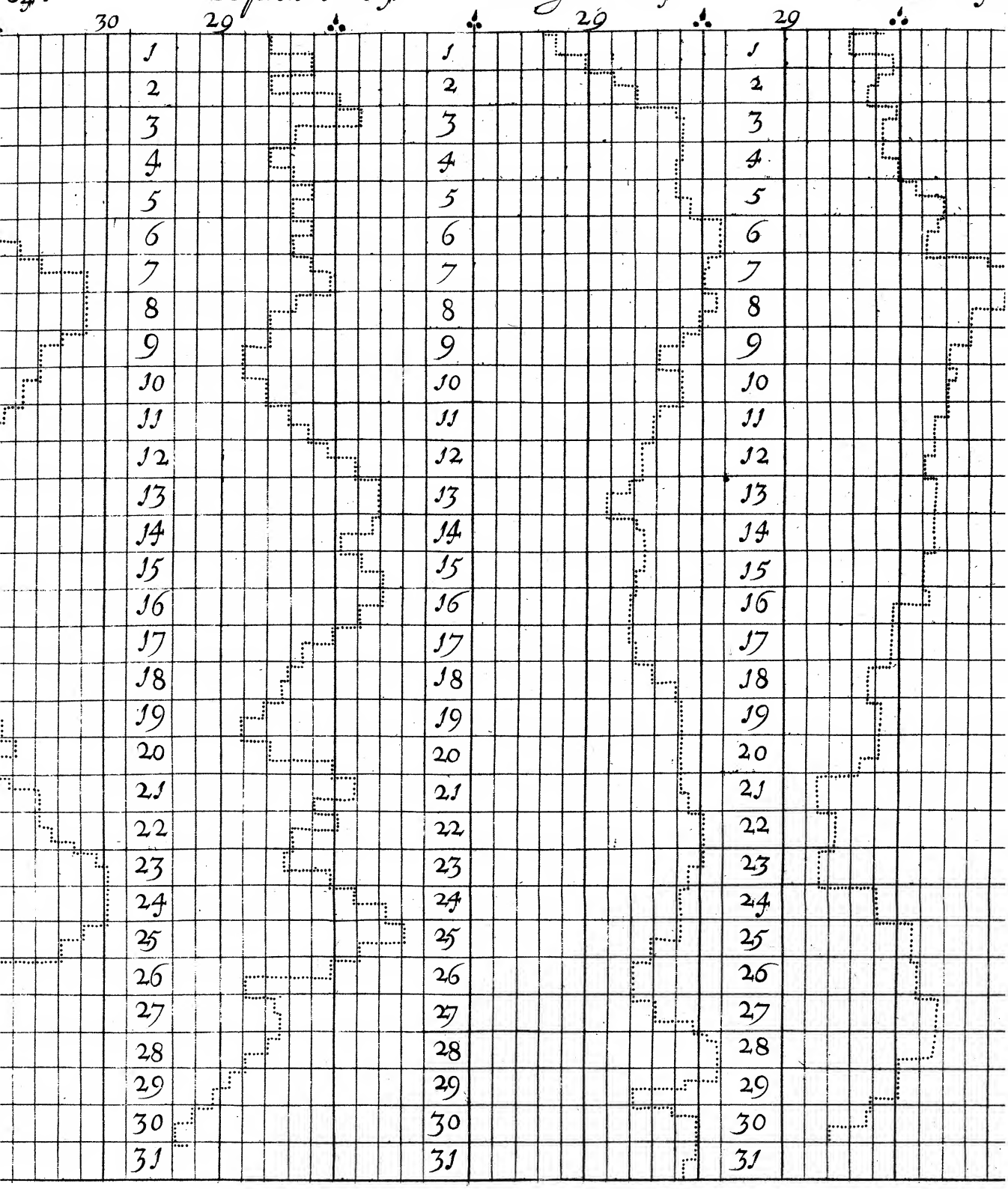

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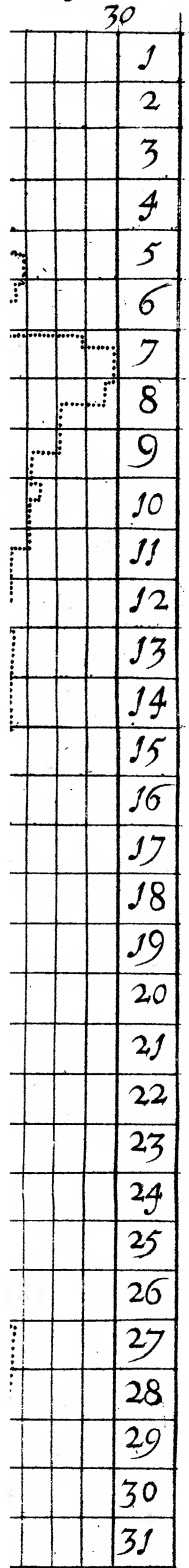
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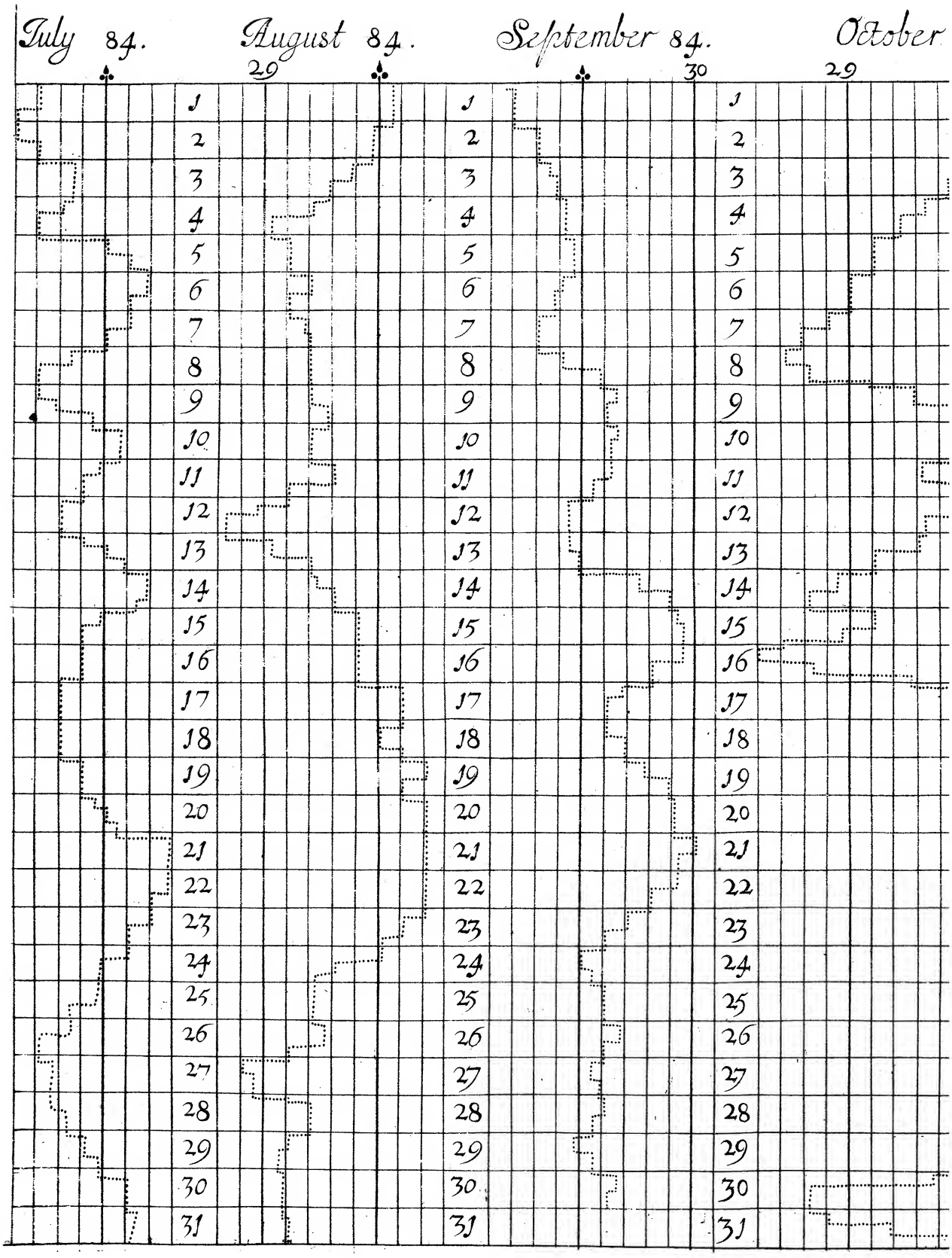
July 84.
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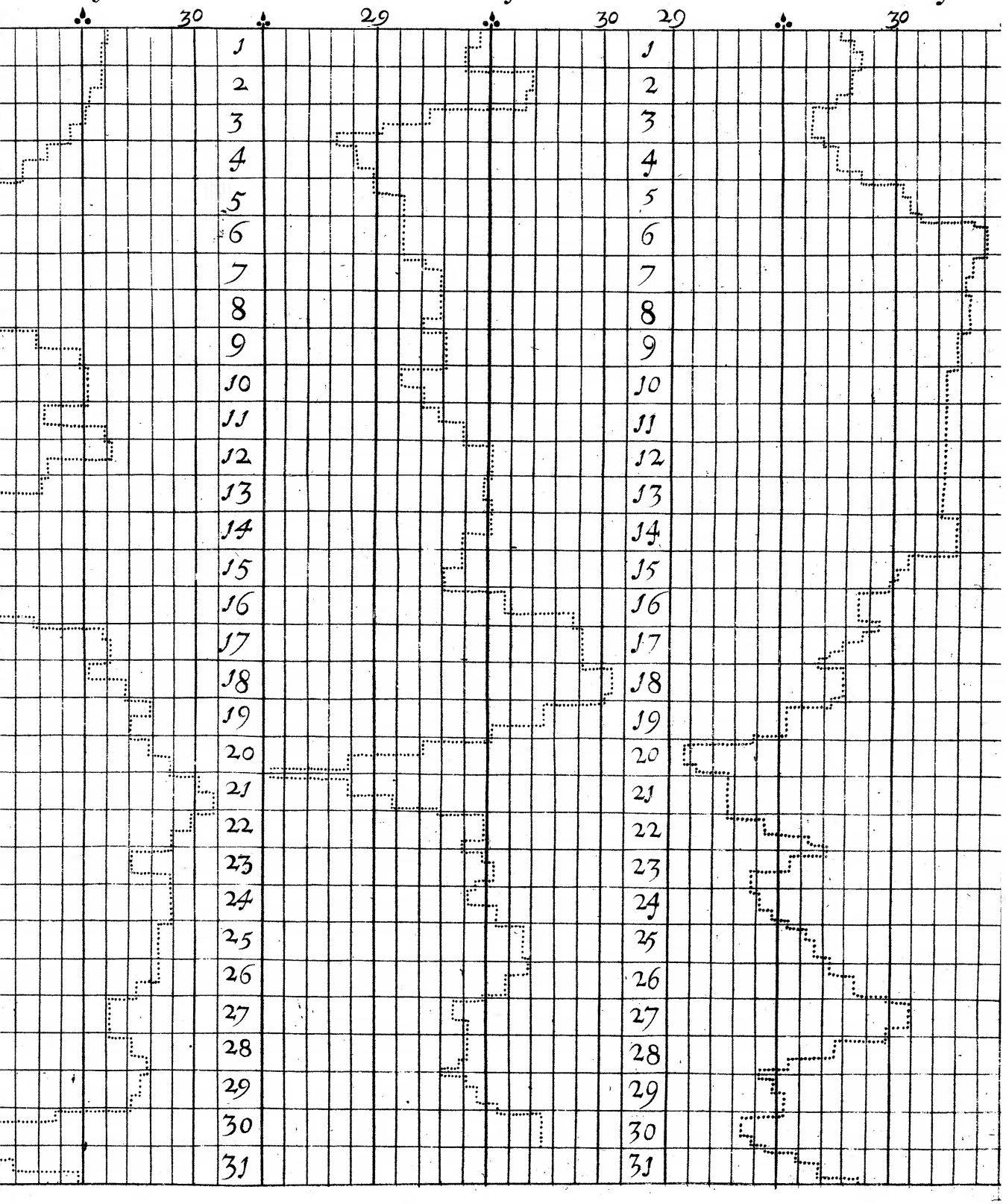
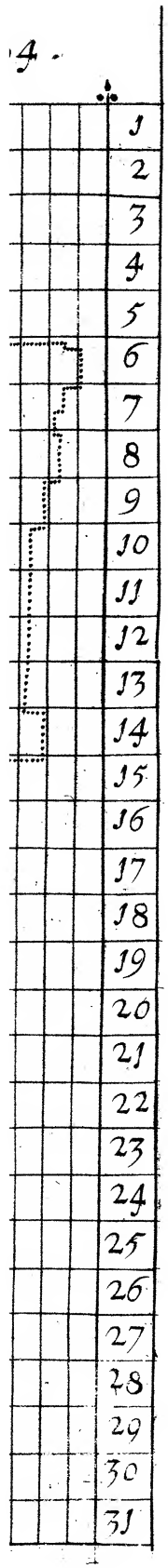
tober 84. November 84. December 84.

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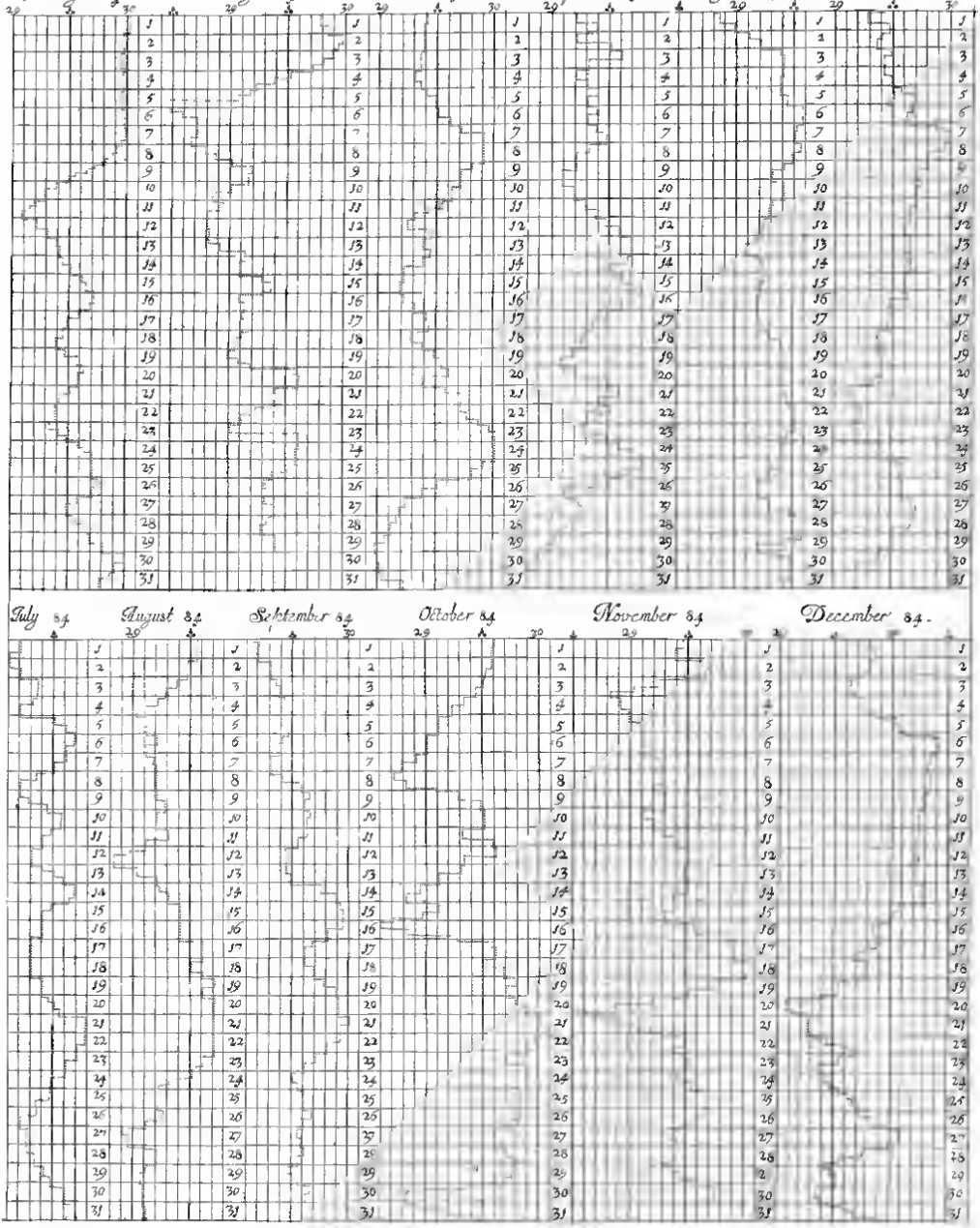
January 168 3/4
February 168 3/4
March 85
April 1684
May 1684
June 84
July 84
August 84
September 84
October 84
November 84
December 84.